

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/062389 A3

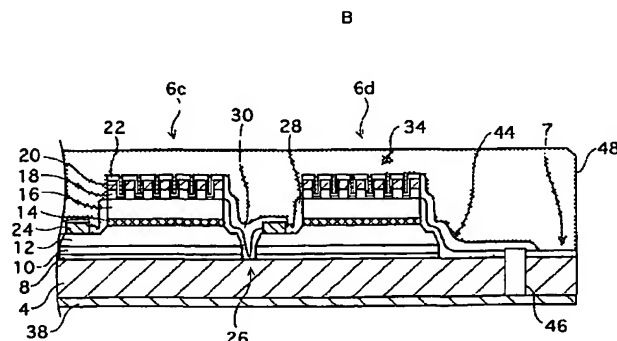
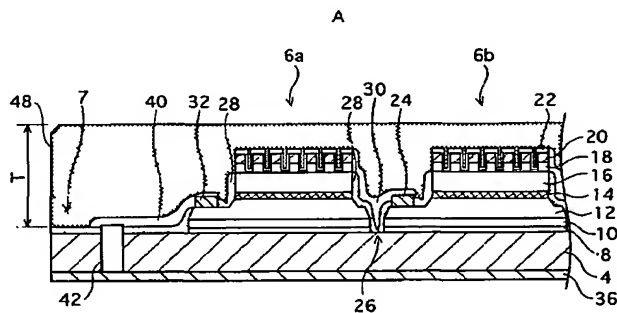
- (51) International Patent Classification:
HOIL 27/15 (2006 01) HOIL 33/00 (2006 01)
- (21) International Application Number:
PCT/JP2004/019457
- (22) International Filing Date:
17 December 2004 (17 12 2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2003-428258 24 December 2003 (24 12 2003) JP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:
— with international search report

[Continued on next page]

- (54) Title: SEMICONDUCTOR LIGHT EMITTING DEVICE, LIGHTING MODULE, LIGHTING APPARATUS, DISPLAY ELEMENT, AND MANUFACTURING METHOD FOR SEMICONDUCTOR LIGHT EMITTING DEVICE



(57) Abstract: In an LED array chip (2), LEDs (6) are connected together in series by a bridging wire (30). The LEDs (6) each have a semiconductor multilayer structure (8-18) including a light emitting layer (14). Here, the semiconductor multilayer structure (8-18) is epitaxially grown on a front surface of an SiC substrate (4). A phosphor film (48) covers the LEDs (6). Two power supply terminals (36 and 38), which are electrically independent from each other, are formed on a back surface of the SiC substrate (4). The power supply terminal (36) is connected to a cathode electrode (32) of an LED (6a) at a lower potential end by a bridging wire (40) and a plated-through hole (42). The power supply terminal (38) is connected to an anode electrode (34) of an LED (6d) at a higher potential end by a bridging wire (44) and a plated-through hole (46).

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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(88) Date of publication of the international search report:

9 February 2006